

CONFIDENTIAL

Finger Lakes LPG Storage L.L.C.



December 18, 2012

Linda Collart  
Regional Minerals Manager  
New York State DEC  
Division of Mineral Resources, Region 8  
6274 East Avon-Lima Road  
Avon, NY 14414

RE: Information for Plugging Application Procedure for Well 33.

Dear Ms. Collart

API # 31-097-52932-00-01

Location: 42.417730 Latitude (NAD 83) 76.894890 Longitude (NAD83)

Drilled: 05-1961

Redrilled: 2008

Surface Casing: 16" 65# Set at 70' Existing 1961

Production Casing: 10 3/4" 40.5# K55 Cut at 2000'

Liner installed 2009: 8 5/8" 32# K55 Set at 1975' New

Tubing String: 4 1/2", 13.5# J55 Set at 2220' New (will be pulled to plug well)

Proposed 8 5/8" Cast Iron Retainer Depth: [REDACTED]

Top of Salt: 2015'

Top of Cavern [REDACTED]

Total Depth 2257' in 2008

Original TD 2782' in 1961

[REDACTED]

Marcellus Zone [REDACTED]

Fresh Water Zone [REDACTED]

Finger Lakes has attached a Cement Bond Log evaluation by Baker Hughes on the 10 3/4" casing and 8 5/8" liner. These logs have been submitted to the Department. Finger Lakes evaluation of these documents and logs conclude that [REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]  
[REDACTED]  
A Baker Cast Iron 8 5/8" retaining plug with an open center will be set on wire line at [REDACTED]. A rubber wiper plug will be inserted into the casing. Appalachian Well Services will be nipple up to the well head to pump [REDACTED] followed by [REDACTED] and final [REDACTED]

Class A cement from [REDACTED]. Brine will be displaced by cement and wiper plug into well through opening in bridge plug. Well head flange and blind flange will be left on above grade to use for bi-annual subsidence monitoring.

Barry Moon

Manager  
Finger Lakes LPG Storage LLC.

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RE: Information for Plugging Application Procedure for Well 34.

Dear Ms. Collart

API # 31-097-61190-00-01  
Location: 42.419735 Latitude (NAD 83)      76.895791 Longitude (NAD83)  
Drilled: 07-1961  
Redrilled: 2008  
Surface Casing: 8 5/8" 36# Set at 175'  
Production Casing: 5 1/2" 15.5# cut at 2212' 12-4-08  
Proposed Cast Iron retaining Plug Depth: [REDACTED]  
Top of Salt: 2034'  
Total Depth 2383' in 2008  
Original TD 4284' in 1961  
[REDACTED]  
Marcellus Zone [REDACTED]  
[REDACTED]

Finger Lakes has attached a Gamma Ray- Cement Bond Log evaluation along with the logs by Larry Sevenker which was run on the 5 1/2" cemented casing in well 34 on August 26, 2004 by ELI prior to P&A of well. These documents were submitted to the Department with plugging applications in 2004. No new cement bond logs have been run on this well since ELI logs in 2004. Finger Lakes evaluation of these documents and logs conclude that the [REDACTED]  
[REDACTED]

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[REDACTED]

Marcellus Zone: [REDACTED]

[REDACTED]

A Baker Cast Iron 5 1/2" retaining plug will be set at [REDACTED] with the center open. A rubber wiper plug will be inserted into the casing. Appalachian Well Services will be nipple up to the well head to pump [REDACTED] total of Class A cement in well from [REDACTED] followed by [REDACTED] and final [REDACTED] Class A cement from [REDACTED]. Cement will displace brine into cavern until wiper plug is seated in bridge plug at [REDACTED]. Well head flange and blind flange will be left on above grade to use for bi-annual subsidence monitoring.

Barry Moon  
Manager  
Finger Lakes LPG Storage LLC.

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RE: Information for Plugging Application Procedure for Well 43.

Dear Ms. Collart

API # 31-097-61199-00-01

Location: 42.418828 Latitude (NAD 83)      76.895394 Longitude (NAD83)

Drilled: 10-1966

Redrilled: 2008

Surface Casing:      8 5/8" 36# Set at 25'

Production Casing: 5 1/2" 15.5# Set at 2223'

Liner: 2009      4" FJ 13.5# Set at 2117'

Proposed Cast Iron Retainer Depth: [REDACTED]

Top of Salt:      2035'

Top of Cavern: [REDACTED]

Total Depth      2314' in 2008

Original TD      2830' in 1966

[REDACTED]

Marcellus Zone      1464' to 1560'

[REDACTED]

Finger Lakes has attached a Gamma Ray- Cement Bond Log evaluation along with the logs by Larry Sevenker which was run on the 5 1/2" cemented casing in well 43 on August 27, 2004 by ELI prior to P&A of well. These documents were submitted to the Department with plugging applications in 2004. No new cement bond logs have been run on this well since ELI logs in 2004. Finger Lakes evaluation of these documents and logs conclude [REDACTED]

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[REDACTED]

Marcellus Zone: [REDACTED]

[REDACTED]

Finger Lakes ran a Gamma Ray Radial Bond Log on the 4" Flush Joint Liner on 10-6-2010. A cement bond evaluation was done by Baker Atlas which is included. The survey indicated [REDACTED]

A Baker Cast Iron 4" retaining plug will be set at [REDACTED]. Both casings will be [REDACTED] prior to cement job. Appalachian Well Services will be nipple up to the well head to pump [REDACTED], followed by [REDACTED] and final [REDACTED]

[REDACTED] Cement will displace brine into cavern until wiper plug is seated in bridge plug at [REDACTED]. Well head flange and blind flange will be left on above grade to use for bi-annual subsidence monitoring.

Barry Moon

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RE: Information for Plugging Application Procedure for Well 44.

Dear Ms. Collart

API # 31-097-61200-00-01  
Location: 42.420757 Latitude (NAD 83)      76.896270 Longitude (NAD83)  
Drilled: 01-1967  
Redrilled: 2008  
Surface Casing: 13 3/8" 54# Set at 68'  
Production Casing: 8 5/8" 36# Set at 2270'  
Liner: 2009 6 5/8" 24# Set at 2423'  
Proposed 6 5/8 Cast Iron Retainer Depth: [REDACTED]  
[REDACTED]  
Top of Salt: 2045'  
Total Depth 2404' in 2009  
Original TD 2832" in 1967  
[REDACTED]  
Marcellus Zone [REDACTED]  
[REDACTED]

Finger Lakes has attached a Gamma Ray- Cement Bond Log evaluation along with the logs by Larry Sevenker which was run on the 8 5/8" cemented casing in well 44 on August 26, 2004 by ELI prior to P&A of well. These documents were submitted to the Department with plugging applications in 2004. Finger Lakes evaluation of these documents and logs [REDACTED]  
[REDACTED]

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[REDACTED]  
[REDACTED]  
Marcellus Zone: [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Finger Lakes ran a Segmented Bond Log/ Gamma Ray on 1-26-2009 on the 8 5/8" casing. Baker Hughes did a log evaluation on the log which shows [REDACTED]  
[REDACTED]

This [REDACTED]  
by ELI prior to P&A of well. A Segmented Bond Log/ Gamma Ray was run on the 6 5/8" liner on 10-7-2010 by Baker Hughes and cement bond evaluation was done on this log, which is included. The survey indicated [REDACTED]  
After a review of these 3 logs Finger Lakes proposes to [REDACTED]  
[REDACTED]

A Baker Cast Iron 6 5/8" retaining plug with an open center will be set on wire line at [REDACTED]. A rubber wiper plug will be inserted into the casing. Appalachian Well Services will be nipple up to the well head to pump [REDACTED]  
[REDACTED], followed by [REDACTED], and final [REDACTED]  
with [REDACTED]. Cement will displace brine into cavern until wiper plug is seated in bridge plug at [REDACTED].  
Well head flange and blind flange will be left on above grade to use for bi-annual subsidence monitoring.

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